

## PATENT COOPERATION TREATY

**PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PRD2065f-PCT	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/051457	International filing date (day/month/year) 12/07/2004	(Earliest) Priority Date (day/month/year) 16/07/2003
Applicant  JANSSEN PHARMACEUTICA N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/EP2004/051457

## A. CLASSIFICATION OF SUBJECT MATTER

 IPC 7 C07D487/04 A61K31/519 A61P25/24 A61P3/10  
 //(C07D487/04,249:00,235:00)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 008, no. 162 (C-235), 26 July 1984 (1984-07-26) -& JP 59 062594 A (ESUESU SEIYAKU KK), 10 April 1984 (1984-04-10) cited in the application abstract example 5; table 2	1-20
A	WO 02/50073 A (RAWLINGS DEREK ANTHONY ;SMITHKLINE BEECHAM PLC (GB); WITHERINGTON) 27 June 2002 (2002-06-27) cited in the application claims; examples 45,49,50; table 1 ----- -/--	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## ° Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

4 November 2004

Date of mailing of the international search report

12/11/2004

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051457

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/04450 A (NEOTHERAPEUTICS INC ; FARLOW MARTIN R (US); GLASKY MICHELLE (US); L) 17 January 2002 (2002-01-17) cited in the application page 9, column 19 - page 11, column 22; claim 36 -----	1-20
A	WO 02/055082 A (LERPINIERE JOANNE ; GAUR SUNEEL (GB); GILLESPIE ROGER JOHN (GB); VERNA) 18 July 2002 (2002-07-18) claims 44-46,51; example 13; table 1 -----	1-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051457

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 59062594	A	10-04-1984	JP 1656447 C	13-04-1992
			JP 3003675 B	21-01-1991
WO 0250073	A	27-06-2002	AU 2229302 A	01-07-2002
			EP 1347972 A1	01-10-2003
			WO 0250073 A1	27-06-2002
			JP 2004518662 T	24-06-2004
			US 2004077681 A1	22-04-2004
WO 0204450	A	17-01-2002	AU 7321701 A	21-01-2002
			WO 0204450 A2	17-01-2002
			US 2002040031 A1	04-04-2002
WO 02055082	A	18-07-2002	CA 2433997 A1	18-07-2002
			EP 1349552 A1	08-10-2003
			WO 02055082 A1	18-07-2002
			JP 2004517861 T	17-06-2004
			US 2004116447 A1	17-06-2004